



SECOR
INTERNATIONAL
INCORPORATED

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May 23, 2006

Mr. Jimmie Woo
Los Angeles Regional Water Quality Control Board
230 W. 4th Street, Suite 200
Los Angeles, California 90013

RE: REQUEST FOR GROUNDWATER SAMPLING REDUCTION
ARCO Station No. 0069
9922 S. Figueroa Street
Los Angeles, California 90003

Dear Mr. Woo:

SECOR International Incorporated (SECOR), on behalf of the Atlantic Richfield Company (Atlantic Richfield), is submitting this letter requesting a reduction in the number of groundwater monitoring wells sampled at ARCO Station No. 0069 (Site), located at 9922 S. Figueroa Street, in Los Angeles, California (Figures 1 and 2). Quarterly groundwater sampling was initiated at the Site in September, 1993, and has continued on a quarterly basis to date. Historical groundwater elevation and analytical data is summarized in Table 7. SECOR believes that a reduction in the number of wells sampled per quarter is warranted at this time based on the following conditions:

- Well MW-8 has exhibited low to non-detect amounts of petroleum hydrocarbons since July, 1996, with the highest spike of GRO (67 µg/L) identified in well MW-8 in June, 1997, and has been non-detect or below the reporting limit (RL) to date. Well MW-8 is cross gradient to the Site. Historical dissolved-phase hydrocarbon concentrations are centered east of the well, therefore, well MW-8 is considered non-essential to groundwater monitoring and contaminant migration.
- The western site boundary will continue to be monitored by well MW-2.

Groundwater well MW-8 will be sampled annually; all other wells will continue to be gauged quarterly to determine groundwater elevations and hydrocarbon concentrations.

Ms. Jimmie Woo
ARCO Station No. 0069
Los Angeles, CA
Page 2

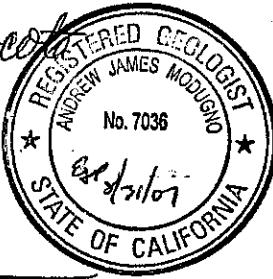
SECOR plans to initiate the reduced sampling schedule during the Third Quarter of 2006. If you have any questions regarding this site please do not hesitate to contact the undersigned at (805) 230-1266.

Sincerely,

SECOR International Incorporated

Stephanie Heathcote

Stephanie Heathcote
Project Manager Assistant



Andrew Modugno

Andrew Modugno, R.G. No. 7036
Senior Geologist
Project Manager

JRB

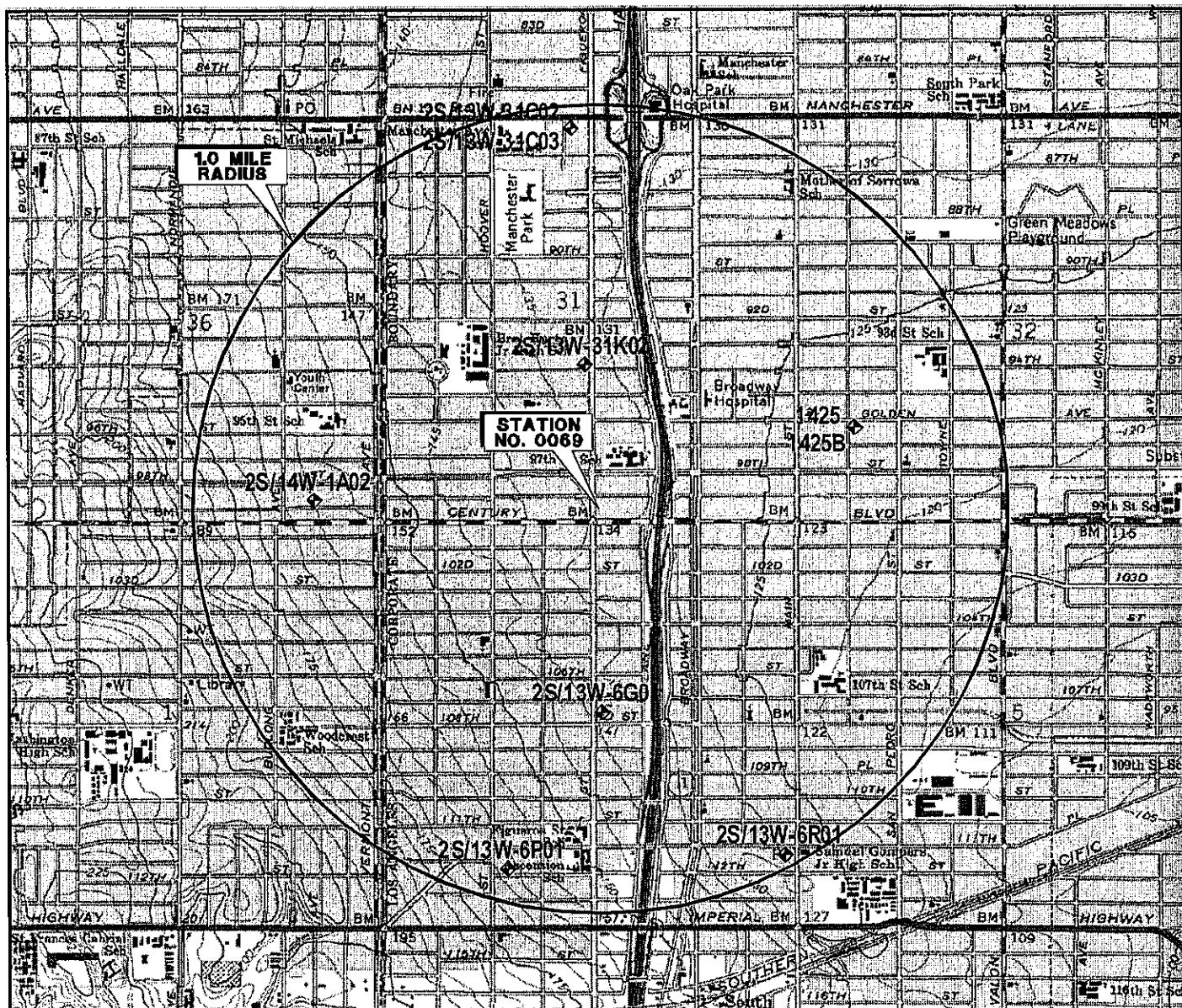
John R. Bollier, R.G. 6099
National Account Manager
BP/ARCO Central LA Portfolio

Attachments:

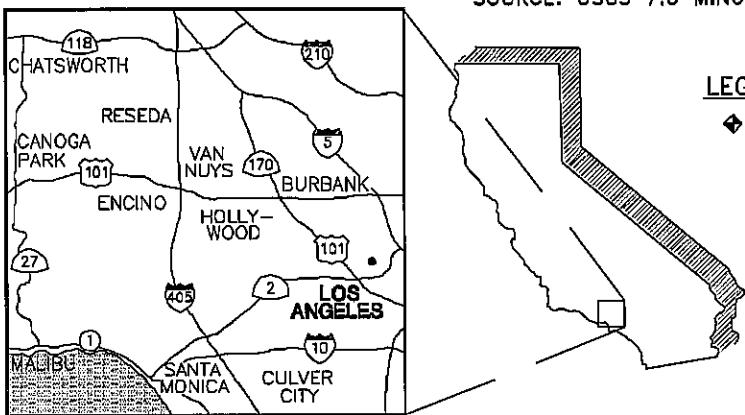
- Figure 1 – Site Map Showing Well Locations Within A One-Mile Radius
- Figure 2 – Site Map Showing Groundwater Monitoring Well Locations (Quarter 1, 2006)
- Figure 3 – Groundwater Contour and Hydrocarbon Concentration Map (Quarter 1, 2006)
- Figure 4 – GRO Isoconcentration Map (Quarter 1, 2006)
- Figure 5 – Benzene Isoconcentration Map (Quarter 1, 2006)
- Figure 6 – MTBE Isoconcentration Map (Quarter 1, 2006)
- Figure 7 – TBA Isoconcentration Map (Quarter 1, 2006)
- Table 1 – Proposed Groundwater Sampling Schedule
- Table 7 – Historical Groundwater Elevation and Analytical Data (Quarter 1, 2006)

cc: Mr. Darrell Fah – Atlantic Richfield

FIGURES



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS, INGLEWOOD QUADRANGLE, 1964
PHOTO REVISED; 1981



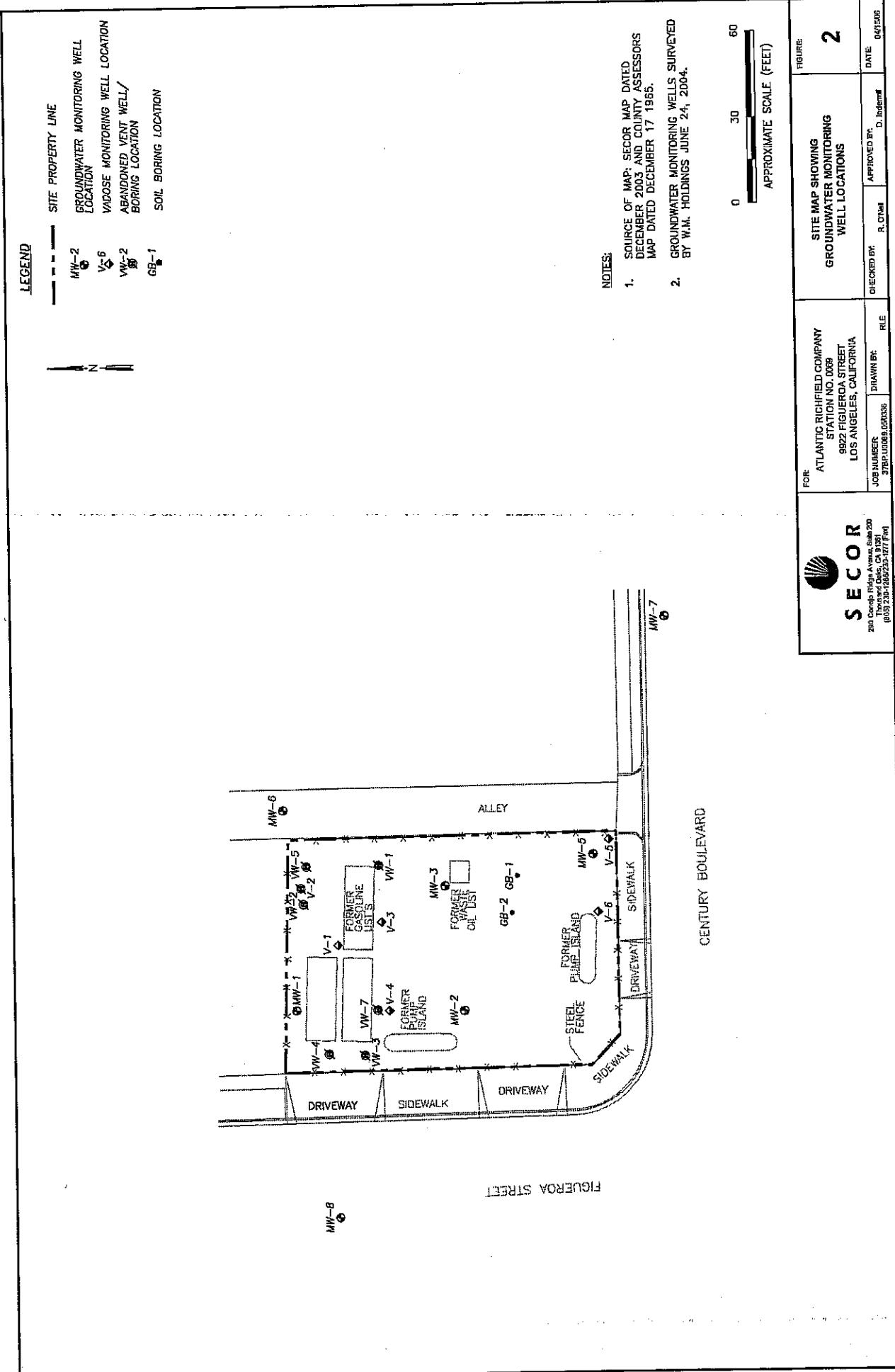
LEGEND

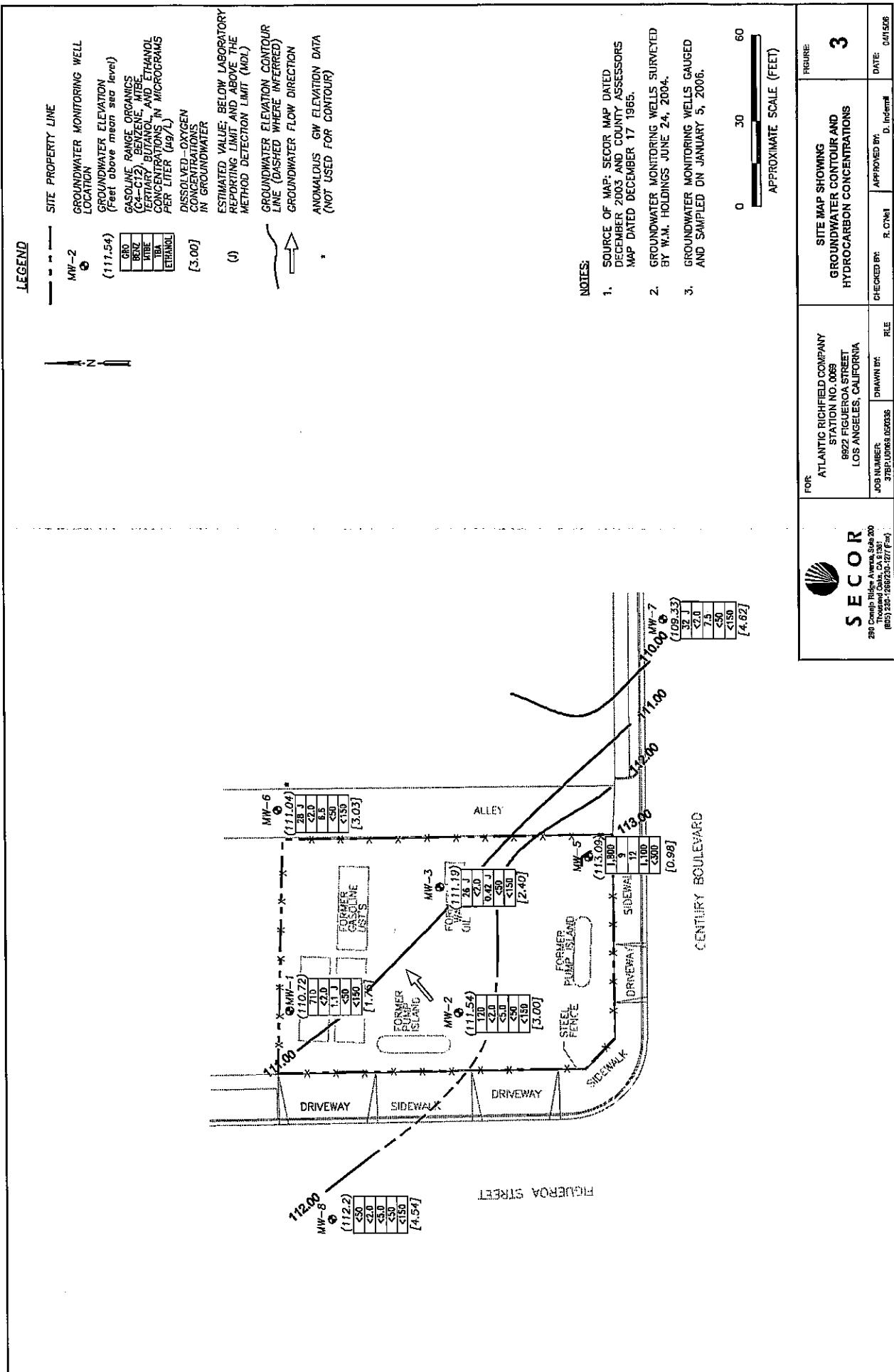
◆ PRODUCTION WELL LOCATION (ACTIVE)

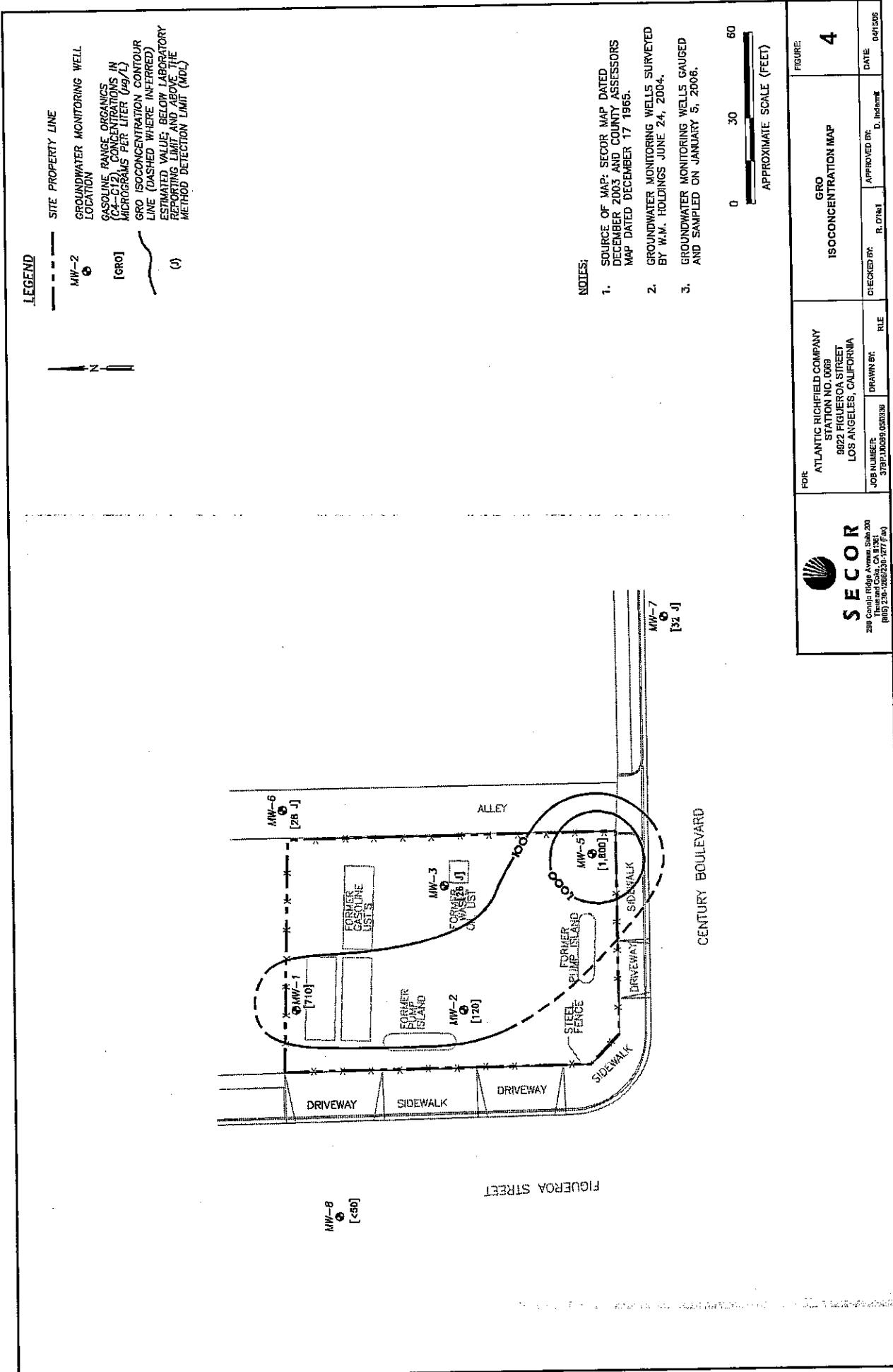


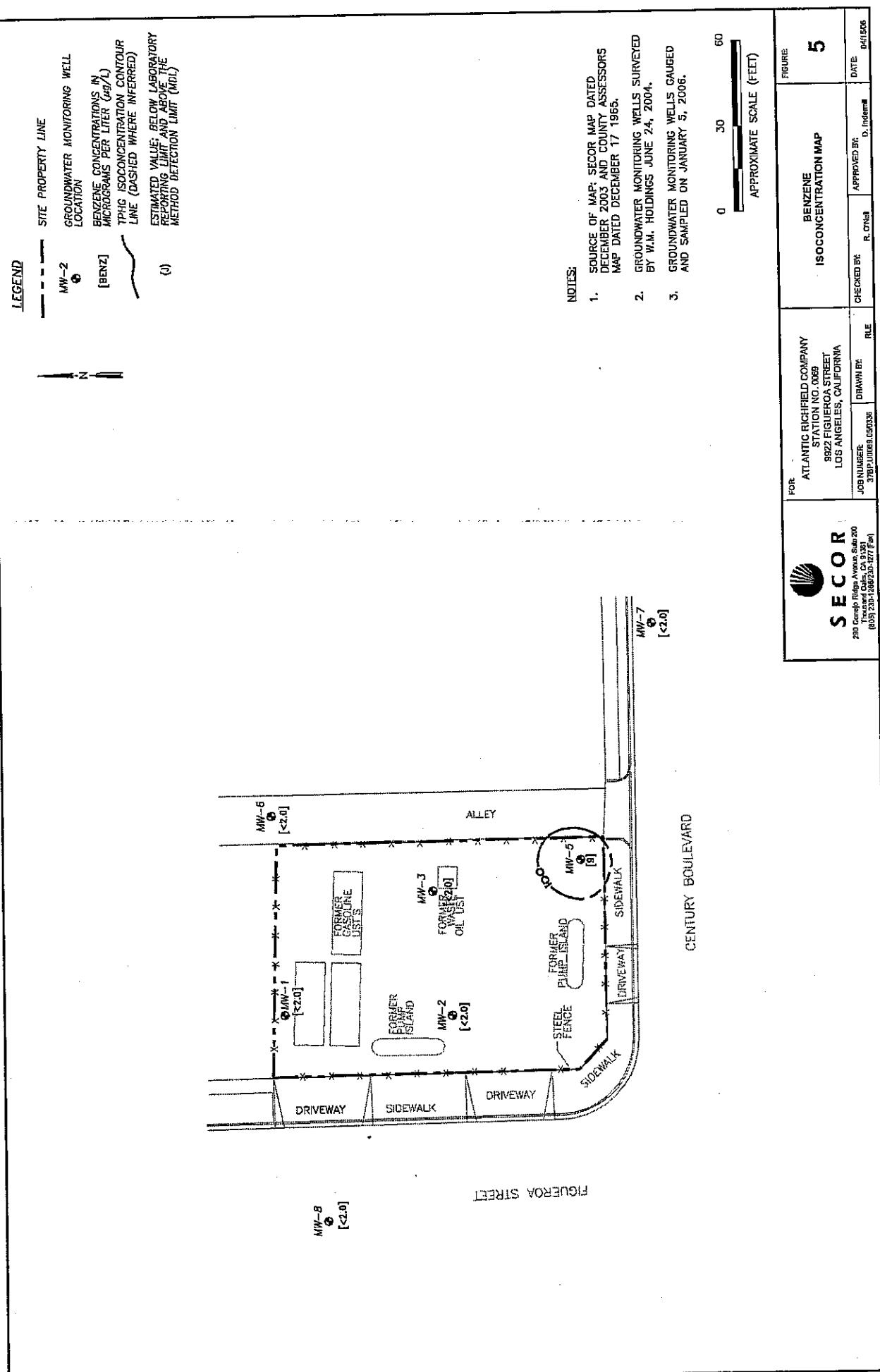
0 2000 4000
APPROXIMATE SCALE (FEET)

 SECOR	PREPARED FOR: ATLANTIC RICHFIELD COMPANY STATION NO. 0069 9922 FIGUEROA STREET LOS ANGELES, CALIFORNIA	SITE LOCATION MAP SHOWING WELLS WITHIN A ONE-MILE RADIUS			FIGURE: 1
280 Conejo Ridge Avenue, Suite 200 Thous and Oaks, CA 91361 (805) 230-1266/230-1277 (Fax)	JOB NUMBER: 37BP.U0069.04/3143	DRAWN BY: RLE	CHECKED BY: R.O'Neil	APPROVED BY: D. Indemill	DATE: 04/15/06





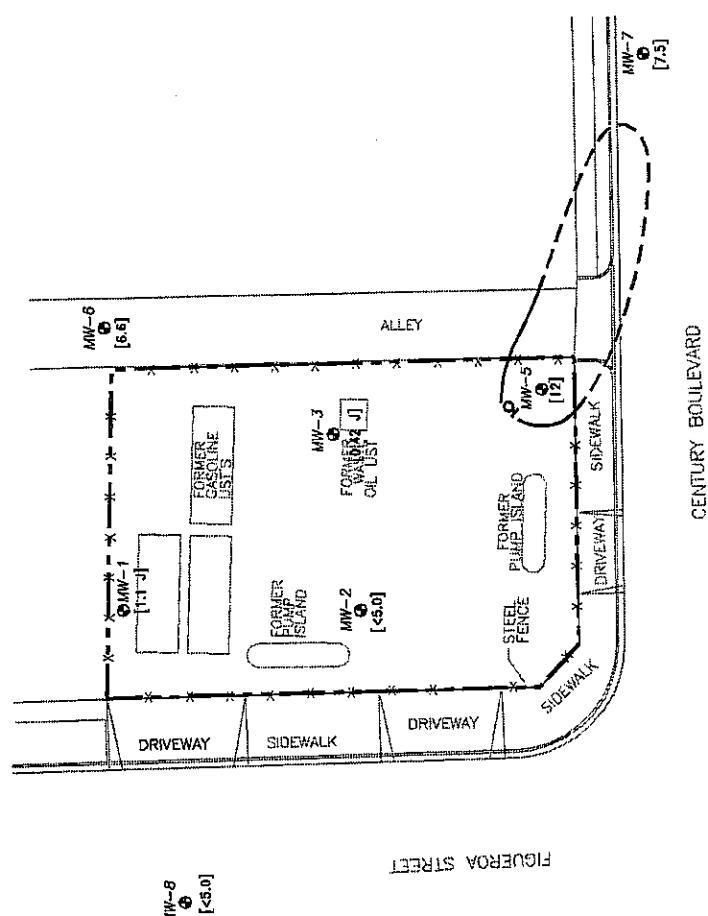




LEGEND

SITE PROPERTY LINE
 MW-2 GROUNDWATER MONITORING WELL
 LOCATION
 METHYL TERTIARY BUTYL ETHER CONCENTRATIONS IN MICROGRAMS PER LITER ($\mu\text{g/L}$)
 ISOCONCENTRATION CONTOUR LINE (DASHED WHERE INFERRED)
 ESTIMATED VALUE, BELOW LABORATORY REPORTING LIMIT AND ABOVE THE METHOD DETECTION LIMIT (MDL)

(1)

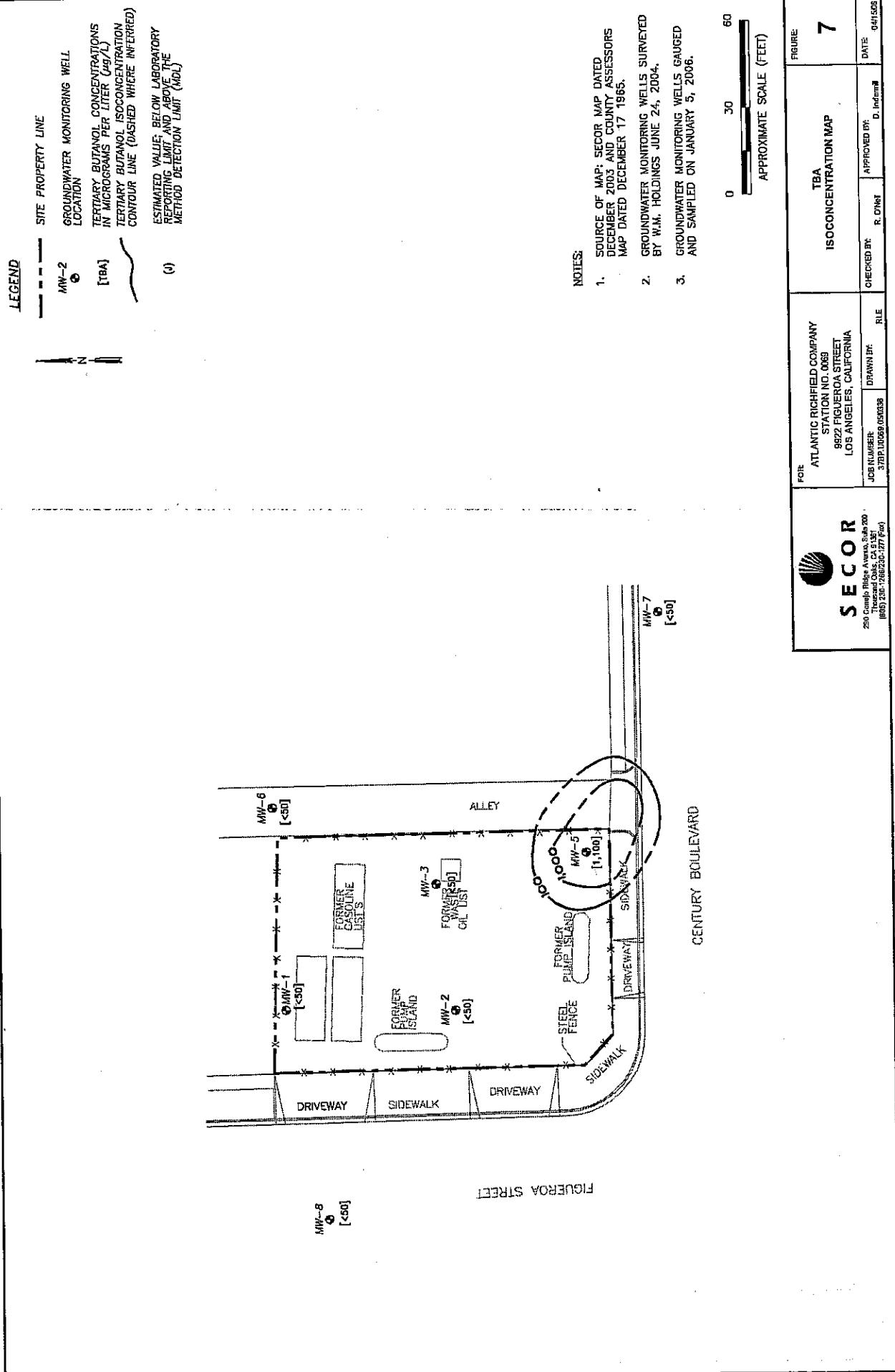
**NOTES:**

- SOURCE OF MAP: SECOR MAP DATED DECEMBER 2003 AND COUNTY ASSESSORS MAP DATED DECEMBER 17 1985.
- GROUNDWATER MONITORING WELLS SURVEYED BY W.M. HOLDINGS JUNE 24, 2004.
- GROUNDWATER MONITORING WELLS GAUGED AND SAMPLED ON JANUARY 5, 2006.

0 30 60
APPROXIMATE SCALE (FEET)

SECOR 200 Century Boulevard, Suite 200 Culver City, California 90230 (310) 240-1252/(310) 240-1257 (Fax)	FOR ATLANTIC RICHFIELD COMPANY STATION NO. 0069 9922 FIGUEROA STREET LOS ANGELES, CALIFORNIA JOB NUMBER 3TB1UD09A.050336	DRAWN BY R. COyle	CHECKED BY R. COyle	APPROVED BY D. Indemn	DATE 04/05/06
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FIGURE		6
MTBE ISOCONCENTRATION MAP		



TABLES

TABLE 1
PROPOSED GROUNDWATER SAMPLING SCHEDULE
ARCO STATION NO. 0069
9922 SOUTH FIGUEROA STREET
LOS ANGELES, CALIFORNIA 90003

Well Number	Quarter 1	Quarter 2	Quarter 3	Quarter 4
MW-1	X	X	X	X
MW-2	X	X	X	X
MW-3	X	X	X	X
MW-4	X	X	X	X
MW-5	X	X	X	X
MW-6	X	X	X	X
MW-7	X	X	X	X
MW-8		X		
Proposed Total No. of Wells Sampled (Per Quarter):	7	8	7	7

TABLE 7
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-1	01/31/96		133.60	24.00	0.00	109.60	7,400	290	580	480	1,500	-	-	-	-	-	-	MW-1	
	04/15/96			24.50	0.00	109.10	5,200	190	370	370	1,000	3,400	-	-	-	-	-	MW-1	
	07/22/96			24.90	0.00	108.70	12,000	320	1,000	760	2,900	4,500	-	-	-	-	-	MW-1	
	10/17/96			24.87	0.00	108.73	6,600	110	390	400	1,500	3,600	-	-	-	-	-	MW-1	
	03/25/97			25.00	0.00	108.60	5,600	56	200	390	1,000	3,000	-	-	-	-	-	MW-1	
	06/20/97			22.70	0.00	110.90	2,600	28	5.5	400	62	9,300	-	-	-	-	-	MW-1	
	08/22/97			23.69	0.00	109.91	2,900	24	<3.9	260	19	9,100	-	-	-	-	-	MW-1	
	11/17/97			24.36	0.00	109.24	7,200	42	16	290	77	15,000	-	-	-	-	-	-	
	03/18/98	NS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/18/98			17.64	0.00	115.96	360	5.0	2.7	5.2	4.0	7,300	-	-	-	-	-	MW-1	
	08/20/98			19.55	0.00	114.05	420	10	2.6	4.1	5.7	2,900	-	-	-	-	-	MW-1	
	11/18/98	NS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	03/24/99			21.98	0.00	111.62	950	13	2.8	1.7	2.4	12,000	-	-	-	-	-	MW-1	
	06/15/99			22.14	0.00	111.46	940	12	<3.0	3.4	<6.0	5,700	-	-	-	-	-	MW-1	
	09/01/99			22.78	0.00	110.82	630	9.9	1.4	0.95	2.0	4,100	-	-	-	-	-	MW-1	
	11/30/99			23.53	0.00	110.07	850	7.0	<0.30	0.39	3.8	5,400	-	-	-	-	-	MW-1	
	03/23/00			23.98	0.00	109.62	7,200	26	J	300	830	3,100	2,200	1,600	<100	<100	<100	MW-1	
	04/17/00			23.81	0.00	109.79	15,000	31	J	340	840	3,200	2,200	1,500	J	<25	<34	MW-1	
	07/11/00			23.93	0.00	109.67	7,100	16	J	160	450	1,600	1,100	1,700	<10	<11	<14	MW-1	
	10/11/00			24.41	0.00	109.19	16,000	21	J	210	610	2,000	1,100	970	J	<10	15 J	MW-1	
	01/04/01			25.05	0.00	108.55	12,000	16	J	170	560	2,000	600	1,100	<10	<11	<14	MW-1	
	04/19/01			23.23	0.00	110.37	8,100	22	J	110	320	1,100	590	900	<20	<20	<20	MW-1	
	07/09/01			23.10	0.00	110.50	7,900	19	J	120	480	1,500	470	1,500	<20	<20	<20	MW-1	
	10/02/01			24.94	0.00	108.66	6,100	<10	64	330	980	180	1,100	<20	<20	<20	<20	MW-1	
	01/03/02			26.22	0.00	107.38	6,500	<10	81	430	1,200	250	890	<20	<20	<20	<20	MW-1	
	04/02/02			26.02	0.00	107.58	3,500	<10	41 J	280	780	90	560	<20	<20	<20	<20	MW-1	
	08/23/02			24.69	0.00	108.91	2,400	1.5	J	210	530	47	170	<5.0	<5.0	0.64 J	-	MW-1	
	12/19/02			25.63	0.00	107.97	10,000	3.0	J	47	440	1,100	59	160	<10	<10	0.72 J	-	
	02/06/03			25.92	0.00	107.68	6,700	2.9	J	36	340	790	55	130	<10	<10	<300	MW-1	
	05/29/03			24.11	0.00	109.49	3,900	<0.5	11	120	300	23	72	<1.0	<1.0	<1.0	<50	MW-1	
	07/18/03			23.54	0.00	110.06	2,600	<10	13	160	400	29	57	J	<25	<25	<750	MW-1	
	11/21/03			23.47	0.00	110.13	1,100	<2.0	5.3	72	170	17	27	J	<5.0	<5.0	<150	MW-1	

TABLE 7
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-1	02/20/04	INA	133.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/23/04	INA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/08/04	NS	24.71	0.00	108.89	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/09/04	-	-	-	1,500	<8.0	18	140	390	57.1	21.1	<20	<20	<20	<20	<20	<600	MW-1	
	12/14/04	24.81	0.00	108.79	770	<2.0	4.9	25	110	5.0	5.5 J	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-1	
	03/02/05	20.43	0.00	113.17	2,300	<2.0	4.6	62	150	1.9 J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-1	
	06/06/05	19.50	0.00	114.10	260	<2.0	1.3 J	24.1	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-1	
	08/19/05	20.98	0.00	112.62	470	<2.0	1.4 J	21	41	1.2 J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-1	
	10/13/05	22.09	0.00	111.51	690	<2.0	0.72 J	8.3	13	1.2 J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-1	
	01/05/06	22.88	0.00	110.72	710	<2.0	1.6 J	18	32	1.1 J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-1	

TABLE 7
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC (H-MSL)	Depth to Water (feet)	Measured SPH (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-2	01/31/96		133.36	23.30	0.00	110.06	16,000	2,200	420	1,500	2,700	-	-	-	-	-	-	MW-2	
	04/15/96			24.30	0.00	109.06	20,000	1,800	280	1,600	2,200	<10	-	-	-	-	-	MW-2	
	07/22/96			24.60	0.00	108.76	16,000	1,000	170	1,100	1,400	<10	-	-	-	-	-	MW-2	
	10/17/96			24.25	0.00	109.11	16,000	1,100	150	1,300	1,600	<10	-	-	-	-	-	MW-2	
	03/25/97			22.22	0.00	111.14	11,000	480	58	660	990	<10	-	-	-	-	-	MW-2	
	06/20/97			21.39	0.00	111.97	1,500	86	<6.0	70	48	130	-	-	-	-	-	MW-2	
	08/22/97			22.16	0.00	111.20	1,200	40	7.5	28	35	82	-	-	-	-	-	MW-2	
	11/17/97			22.88	0.00	110.48	1,300	45	<0.5	15	30	42	-	-	-	-	-	MW-2	
	03/18/98	NS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	MW-2	
	06/18/98			19.00	0.00	114.36	360	21	<0.30	4.8	0.83	130	-	-	-	-	-	MW-2	
	08/20/98			19.33	0.00	114.03	230	8.5	<0.30	2.4	<0.60	190	-	-	-	-	-	MW-2	
	11/18/98	NS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	MW-2	
	03/24/99			22.85	0.00	110.51	120	0.85	<0.30	<0.30	0.64	120	-	-	-	-	-	MW-2	
	06/15/99			21.96	0.00	111.40	110	1.2	<0.30	0.56	<0.60	70	-	-	-	-	-	MW-2	
	09/01/99			22.47	0.00	110.89	110	0.42	<0.30	<0.30	<0.60	45	-	-	-	-	-	MW-2	
	11/30/99			23.02	0.00	110.34	150	1.7	<0.30	<0.30	<0.60	21	-	-	-	-	-	MW-2	
	03/23/00			23.47	0.00	109.89	3,400	29	0.18-J	82	67	15	<50	<5.0	<5.0	<5.0	<5.0	MW-2	
	04/17/00			23.19	0.00	110.17	4,700	36	0.21-J	73	77	15	5.4	<0.50	<0.57	<0.57	<0.57	MW-2	
	07/11/00			23.36	0.00	110.50	4,500	28	0.24-J	94	56	13	<5.0	<0.50	<0.57	<0.57	<0.57	MW-2	
	10/11/00			23.65	0.00	108.71	2,800	25	0.16-J	57	41	8.1	<5.0	<0.50	<0.57	<0.57	<0.57	MW-2	
	01/04/01			24.49	0.00	108.67	4,200	20	0.32-J	86	51	6.8-J	<10	<1.0	<1.1	<1.1	<1.1	MW-2	
	04/19/01			22.93	0.00	110.43	2,600	19	<1.0	69	71	16	<10	<2.0	<2.0	<2.0	<2.0	MW-2	
	07/09/01			22.68	0.00	110.88	2,100	12	<1.0	27	31	34	<10	<2.0	<2.0	<2.0	<2.0	MW-2	
	10/02/01			24.30	0.00	109.06	1,600	7.6	<1.0	18	18	22	<10	<2.0	<2.0	<2.0	<2.0	MW-2	
	01/03/02			25.81	0.00	107.55	2,000	9.0	<1.0	32	26	11	<10	<2.0	<2.0	<2.0	<2.0	MW-2	
	04/02/02			25.40	0.00	107.96	1,200	5.1	<1.0	13	7.8	5.1	<10	<2.0	<2.0	<2.0	<2.0	MW-2	
	08/23/02			24.46	0.00	108.90	330	1.4-J	<2.0	2.4	2.4-J	1.8-J	<50	<5.0	<5.0	<5.0	<5.0	MW-2	
	12/19/02			24.63	0.00	108.73	0.89-J	<2.0	0.98-J	0.65-J	0.60-J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	MW-2	
	02/06/03			24.94	0.00	108.42	370	1.9-J	<2.0	1.8-J	1.1-J	1.2-J	<50	<5.0	<5.0	<5.0	<5.0	MW-2	
	05/20/03			23.41	0.00	109.95	96	<0.5	<0.5	<1.5	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	MW-2	
	07/18/03			23.01	0.00	110.35	40-J	<2.0	<2.0	<4.0	0.51-J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	MW-2	
	11/21/03			23.60	0.00	109.76	99	<2.0	<2.0	<4.0	0.38-J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	MW-2	

TABLE 7
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH (feet)	Calc. GW Elev. (ft-MSL)	GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	E ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	ETBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	Ethanol ($\mu\text{g/L}$)	Sample ID	Comments
MW-2	02/20/04	INA	133.36	-	-	110.11	370	0.61 J	<2.0	1.7 J	1.5 J	0.58 J	<50	<5.0	<5.0	<5.0	<150	MW-2	
	06/23/04	DUP	134.56	24.45	0.00	-	610	0.62 J	<2.0	1.7 J	1.4 J	0.54 J	<50	<5.0	<5.0	<5.0	<150	DUP-0069-20040623	
	09/08/04	NS	24.49	0.00	110.07	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/09/04	-	-	-	320	1.8 J	<2.0	2.3	<4.0	0.51 J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-2	
	12/14/04	DUP	24.66	0.00	109.90	570	0.86 J	<2.0	1.5 J	1.0 J	0.36 J	<50	<5.0	<5.0	<5.0	<5.0	<150	DUP-0069-20041214	
	12/14/04	DUP	-	-	570	0.72 J	<2.0	1.1 J	0.69 J	0.43 J	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-2	
	03/02/05	DUP	32.80	0.00	101.76	48 J	<2.0	<2.0	<4.0	<4.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	DUP-0069-20050302	
	03/02/05	DUP	-	-	45 J	<2.0	<2.0	<2.0	<4.0	<4.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-2	
	06/06/05	DUP	19.64	0.00	114.92	58	<2.0	<2.0	0.28 J	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-2
	08/19/05	-	20.74	0.00	113.82	69	<2.0	<2.0	<4.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	MW-2	
	10/13/05	-	21.98	0.00	112.58	120	<2.0	<2.0	0.81 J	<4.0	<4.0	<50	<5.0	<5.0	<5.0	<5.0	<150	MW-2	
	01/05/06	-	23.02	0.00	111.54	120	<2.0	<2.0	<4.0	<4.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<150	MW-2	

TABLE 7
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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	E ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DIP _E ($\mu\text{g/L}$)	ETBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	Ethanol ($\mu\text{g/L}$)	Sample ID	Comments
MW-3	01/31/96		133.51	24.00	0.00	109.51	8,000	3,400	<30	280	<60	-	-	-	-	-	MW-3	MW-3	
	04/15/96			24.40	0.00	109.11	5,200	2,700	<30	170	<60	2,800	-	-	-	-	MW-3	MW-3	
	07/22/96			25.15	0.00	108.36	8,700	4,700	<30	480	91	3,000	-	-	-	-	MW-3	MW-3	
	10/17/96			25.42	0.00	108.09	13,000	6,800	93	750	280	3,400	-	-	-	-	MW-3	MW-3	
	03/25/97			23.20	0.00	110.31	9,800	3,700	52	530	300	1,200	-	-	-	-	MW-3	MW-3	
	06/20/97			22.16	0.00	111.35	370	35	2.4	2.3	3.0	430	-	-	-	-	MW-3	MW-3	
	08/22/97			23.88	0.00	109.63	360	4.7	0.74	1.1	1.9	370	-	-	-	-	MW-3	MW-3	
	11/17/97			24.39	0.00	109.12	400	2.6	0.80	1.7	2.8	470	-	-	-	-	-	-	
	03/18/98	NS		-	-	-	-	-	-	-	-	-	-	-	-	-	MW-3	MW-3	
	06/18/98			18.80	0.00	114.71	440	3.2	<0.30	<0.30	1.2	1,400	-	-	-	-	MW-3	MW-3	
	08/20/98			19.33	0.00	114.18	300	5.8	1.5	<0.30	1.4	6,200	-	-	-	-	-	-	
	11/18/98	NS		-	-	-	-	-	-	-	-	-	-	-	-	-	MW-3	MW-3	
	03/24/99			22.34	0.00	111.17	390	3.7	0.96	<0.30	1.1	11,000	-	-	-	-	MW-3	MW-3	
	06/15/99			22.92	0.00	110.59	140	<0.30	0.32	<0.30	<0.60	1,700	-	-	-	-	MW-3	MW-3	
	09/01/99			23.11	0.00	110.40	180	0.93	<0.30	0.35	0.86	<10	-	-	-	-	MW-3	MW-3	
	11/30/99			23.78	0.00	109.73	270	<0.30	<0.30	2.0	2,100	-	-	-	-	<100	<100	<100	
	03/23/00			24.16	0.00	109.35	380	35 J	<40	28 J	<80	1,100	730 J	<100	-	-	<34	<34	<34
	04/17/00			24.04	0.00	109.47	3,300	330	<4.7	230	<41	2,200	1,500 J	<25	-	-	MW-3	MW-3	
	07/11/00			24.06	0.00	109.45	5,000	680	38 J	260	63 J	2,900	2,100	<10	-	-	MW-3	MW-3	
	10/11/00			24.65	0.00	108.86	6,200	770	42 J	530	110 J	2,400	2,200	<10	-	-	<14	<14	<14
	01/04/01			25.40	0.00	108.11	10,000	960	280 J	720	520 J	2,000	2,000	<10	-	-	15 J	15 J	15 J
	04/19/01			23.61	0.00	109.90	2,900	190	<20	260	68 J	1,000	1,000	<40	-	-	<40	<40	<40
	07/09/01			23.65	0.00	109.35	3,500	160	<10	260	39 J	1,100	1,800	<20	-	-	<20	<20	<20
	10/02/01			25.34	0.00	108.17	4,000	160	97 J	250	180	910	1,800	<40	-	-	<40	<40	<40
	01/03/02			26.81	0.00	106.70	6,900	320	610	480	1,100	730	1,000	<40	-	-	<40	<40	<40
	04/02/02			26.53	0.00	106.98	4,600	360	260	460	600	640	700	<40	-	-	<40	<40	<40
	08/23/02			25.70	0.00	107.81	2,100	130	72	180	150	170	180	<5.0	-	-	1.8 J	1.8 J	1.8 J
	12/19/02			25.67	0.00	107.84	1,300	69	17	100	60	59	110	<5.0	-	-	0.59 J	0.59 J	0.59 J
	02/06/03			25.92	0.00	107.59	820	72	13	78	46	54	72	<5.0	-	-	<150	<150	<150
	05/20/03			24.33	0.00	109.18	85	4.3	1.4	6.2	4.3	12	28	<1.0	-	-	<50	<50	<50
	07/18/03			23.86	0.00	109.65	51	1.1 J	0.5 J	1.9 J	2.2 J	4.7 J	10 J	<5.0	-	-	<150	<150	<150
	11/21/03			24.13	0.00	109.38	120	1.6 J	0.57 J	3.1	2.7 J	4.5 J	9.4 J	<5.0	<5.0	-	<5.0	<5.0	<5.0

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	E ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	ETBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	Ethanol ($\mu\text{g/L}$)	Sample ID	Comments
MW-3	02/20/04	INA	133.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	06/23/04	INA	25.47	0.00	108.04	-	-	-	-	-	-	-	-	-	-	-	-	-	
	09/08/04	NS	-	-	85	0.59 J	<2.0	1.5 J	<4.0	4.0 J	6.3 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-3	
	09/09/04	DUP	-	-	34 J	0.41 J	<2.0	0.89 J	<4.0	3.8 J	<50	<50	<50	<50	<50	<50	<50	DUP-0069-20040909	
	09/09/04	DUP	25.62	0.00	107.89	1,900	6.2	2.2	24	14	16	48 J	<5.0	<5.0	<5.0	<5.0	<5.0	MW-3	
	12/14/04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MW-3	
	03/02/05	21.38	0.00	112.13	26 J	<2.0	<2.0	<2.0	<4.0	3.0 J	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	MW-3	
	06/06/05	20.40	0.00	113.11	<50	<2.0	<2.0	<2.0	<4.0	4.0 J	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	MW-3	
	08/19/05	21.50	0.00	112.01	76	0.76 J	<2.0	1.2 J	<4.0	7.9	8.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-3	
	10/13/05	22.60	0.00	110.91	44 J	<2.0	<2.0	0.48 J	<4.0	4.3 J	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	MW-3	
	01/05/06	22.32	0.00	111.19	26 J	<2.0	<2.0	<2.0	<4.0	0.42 J	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	MW-3	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-5	01/31/96	SPH	133.54	24.10	0.00	109.44	-	-	-	-	-	-	-	-	-	-	-	Purge sheen	
	04/15/96	SPH		24.39	0.00	109.15	-	-	-	-	-	-	-	-	-	-	-	Purge sheen	
	07/22/96	SPH		45.25	0.30	88.52	-	-	-	-	-	-	-	-	-	-	-		
	10/17/96	NS		-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	03/25/97	SPH	24.18	0.53	109.76	-	-	-	-	-	-	-	-	-	-	-	-		
	06/20/97	SPH	24.13	0.40	109.71	-	-	-	-	-	-	-	-	-	-	-	-		
	08/22/97	SPH	24.62	0.22	109.09	-	-	-	-	-	-	-	-	-	-	-	-		
	11/17/97	SPH	25.07	0.09	108.54	-	-	-	-	-	-	-	-	-	-	-	-	MW-5	
	03/18/98		20.25	0.00	113.29	39,000	4,000	7,400	920	6,700	2,000	-	-	-	-	-	-	MW-5	
	06/18/98		20.32	0.00	113.22	69,000	12,000	20,000	2,300	14,000	9,800	-	-	-	-	-	-	MW-5	
	08/20/98		19.66	0.00	113.88	71,000	13,000	20,000	2,000	13,000	11,000	-	-	-	-	-	-		
	11/18/98	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MW-5	
	03/24/99		22.81	0.00	110.73	73,000	11,000	16,000	2,300	13,000	13,000	-	-	-	-	-	-	MW-5	
	06/15/99	SPH	23.09	sheen	110.45	70,000	9,300	12,000	2,000	12,000	6,400	-	-	-	-	-	-	MW-5	
	09/01/99	SPH	23.53	sheen	110.01	-	-	-	-	-	-	-	-	-	-	-	-		
	11/30/99	SPH	24.13	sheen	109.41	-	-	-	-	-	-	-	-	-	-	-	-		
	03/23/00	SPH	24.77	sheen	108.77	-	-	-	-	-	-	-	-	-	-	-	-		
	04/17/00	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/11/00	SPH	24.84	0.04	108.73	-	-	-	-	-	-	-	-	-	-	-	-		
	10/11/00	SPH	24.90	sheen	108.64	-	-	-	-	-	-	-	-	-	-	-	-		
	01/04/01	SPH	25.31	sheen	108.23	-	-	-	-	-	-	-	-	-	-	-	-		
	04/19/01	SPH	24.61	sheen	108.93	-	-	-	-	-	-	-	-	-	-	-	-		
	07/09/01	SPH	25.12	0.13	108.52	-	-	-	-	-	-	-	-	-	-	-	-		
	10/02/01	SPH	26.07	0.05	107.51	-	-	-	-	-	-	-	-	-	-	-	-		
	01/03/02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	04/02/02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	08/23/02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	12/19/02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	02/06/03	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	05/20/03	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	07/18/03	DRY	24.39	0.00	109.15	37,000	1,200	1,900	2,000	15,000	5,800	9,900	<250	<250	61 J	>7,500	MW-5		
	11/21/03		24.80	0.00	108.74	29,000	1,100	620	1,500	11,000	5,500	7,500	<250	<250	58 J	>7,500	MW-5		

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MW-5	02/20/04	INA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Construction
	06/23/04	INA	25.92	0.00	107.62	-	-	-	-	-	-	-	-	-	-	-	-	-	MW-5
	09/08/04	NS	-	-	4,100	11. J	7.8 J	33	330	160	2,300	<50	<50	<50	<50	<50	<1,500	<50	MW-5
	09/09/04	-	25.93	0.00	107.61	1,100	<4.0	<4.0	5.2	34	19	1,400	<10	<10	<10	<10	<10	<300	MW-5
	12/14/04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/02/05	INA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/06/05	DUP	20.05	0.00	113.49	6,500	180	61	300	1,500	230	3,200	<50	<50	4.9 J	<1,500	DUP-0069-20050606	DUP-0069-20050606	
	06/06/05	DUP	-	-	5,900	160	57	270	1,400	220	3,200	<50	<50	4.8 J	<1,500	DUP-0069-20050606	DUP-0069-20050606		
	08/19/05	DUP	20.51	0.00	113.03	11,000	350	75	400	1,700	450	3,900	<50	<50	11 J	<1,500	DUP-0069-20050819	DUP-0069-20050819	
	08/19/05	DUP	-	-	7,900	310	74	360	1,400	390	4,400	<25	<25	8.4 J	>750	DUP-0069-20050819	DUP-0069-20050819		
	10/13/05	DUP	22.54	0.00	111.00	15,000	550	45	760	3,100	610	6,100	<100	<100	15 J	<3,000	MW-5	MW-5	
	10/13/05	DUP	-	-	15,000	560	57	800	3,100	640	6,500	<50	<50	17 J	<1,500	DUP-0069-20051013	DUP-0069-20051013		
	01/05/06	DUP	-	-	1,000	6.4	1.6 J	8.5	64	9.8 J	920	<10	<10	<10	<10	<300	<300	DUP-0069-20060105	
	01/05/06	-	20.45	0.00	113.09	1,800	9.0	2.0 J	12	79	12	1,100	<10	<10	<10	<10	<300	MW-5	

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MW-6	01/31/96		134.50	23.90	0.00	110.60	1,300	<3.0	<3.0	<3.0	<3.0	<6.0	-	-	-	-	MW-6		
	04/15/96			24.26	0.00	110.24	87	3.7	0.38	<0.30	<0.30	<6.0	<10	-	-	-	MW-6		
	07/22/96			26.48	0.00	108.02	170	0.43	<0.30	0.67	<0.60	2,500	-	-	-	-	MW-6		
	10/17/96			26.96	0.00	107.54	91	<0.30	<0.30	<0.30	<0.60	2,300	-	-	-	-	MW-6		
	03/25/97			25.27	0.00	109.23	120	<0.30	<0.30	<0.30	<0.60	1,700	-	-	-	-	MW-6		
	06/20/97			24.90	0.00	109.60	<50	<0.30	<0.30	<0.30	<0.60	850	-	-	-	-	MW-6		
	08/22/97			25.70	0.00	108.80	<50	0.61	0.32	<0.30	<0.60	900	-	-	-	-	MW-6		
	11/17/97			26.25	0.00	108.25	<50	0.60	<0.5	<0.5	<1.0	1,000	-	-	-	-	MW-6		
	03/18/98			20.30	0.00	114.20	<50	<0.30	<0.30	<0.30	<0.60	200	-	-	-	-	MW-6		
	06/18/98			19.84	0.00	114.66	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-6		
	08/20/98			20.81	0.00	113.69	<50	0.35	<0.30	<0.30	<0.60	73	-	-	-	-	MW-6		
	11/18/98			22.14	0.00	112.36	<50	0.51	<0.30	<0.30	<0.60	110	-	-	-	-	MW-6		
	03/24/99			23.35	0.00	111.15	<50	<0.30	<0.30	<0.30	<0.60	190	-	-	-	-	MW-6		
	06/15/99			23.73	0.00	110.77	<50	<0.30	<0.30	<0.30	<0.60	210	-	-	-	-	MW-6		
	09/01/99			24.30	0.00	110.20	<50	<0.30	<0.30	<0.30	<0.60	360	-	-	-	-	MW-6		
	11/30/99			25.38	0.00	109.12	<50	0.45	<0.30	<0.30	<0.60	350	-	-	-	-	MW-6		
	03/23/00			26.20	0.00	108.30	27 J	<20	<20	<20	<40	840	<500	<50	<50	<50	MW-6		
	04/17/00			25.99	0.00	108.51	500	<1.1	<0.93	<1.8	<8.2	950	<5.0	<5.0	<5.0	<5.7	MW-5		
	07/11/00			25.81	0.00	108.69	250	<1.1	<0.93	<1.8	<8.2	1,100	72 J	<5.0	<5.0	<5.7	MW-6		
	10/11/00			26.62	0.00	107.88	390	3.6 J	<1.9	<3.6	<16	1,400	<100	<10	<10	<11	MW-6		
	01/04/01			27.30	0.00	107.20	480	1.2 J	1.4 J	<1.8	<8.2	1,500	<50	<5.0	<5.0	<5.7	MW-6		
	04/19/01			25.10	0.00	109.40	120	<4.0	<4.0	<4.0	<4.0	240	<40	<8.0	<8.0	<8.0	MW-6		
	07/09/01			25.33	0.00	109.17	180	<4.0	<4.0	<4.0	<4.0	400	<40	<8.0	<8.0	<8.0	MW-6		
	10/02/01			26.18	0.00	108.32	190	<4.0	<4.0	<4.0	<4.0	440	<40	<8.0	<8.0	<8.0	MW-6		
	01/03/02			27.36	0.00	107.14	210	<10	<10	<10	<10	770	<100	<20	<20	<20	MW-6		
	04/02/02			27.63	0.00	106.87	1,500	<40	<40	<40	<40	3,100	<400	<80	<80	<80	MW-6		
	08/23/02			27.20	0.00	107.30	610	<20	1.4 J	<20	<20	4,700	1,500	<50	<50	22 J	MW-6		
	12/19/02			26.77	0.00	107.73	620	<20	<20	<20	<40	3,500	1,800	<50	<50	13 J	MW-6		
	02/06/03			26.80	0.00	107.70	1,600	<20	<20	<20	5.2 J	3,200	470 J	<50	<50	20 J	<1,500	MW-6	
	05/20/03			25.02	0.00	109.48	410	<0.5	<0.5	<0.5	<1.5	900	178 J	<1.0	<1.0	<1.0	<50	MW-6	
	07/18/03			24.30	0.00	110.20	280	<2.0	<2.0	<2.0	<4.0	1,000	200	<5.0	<5.0	4.2 J	<150	MW-6	
	11/21/03			23.84	0.00	110.66	700	<40	<40	<40	<80	2,000	1,700	<100	<100	<100	<3,000	MW-6	

TABLE 7
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-6	02/20/04		134.50	24.84	0.00	109.66	420	<20	<20	<40	1,200	1,300	<50	6.4 J	<1,500	MW-6			
	06/23/04	NS	134.34	25.03	0.00	109.31	680	<20	<20	<40	870	990	<50	4.7 J	<1,500	MW-6			
	09/08/04		-	25.42	0.00	108.92	-	-	-	-	-	-	-	-	-	-	MW-6		
	09/09/04		-	-	-	90	<5.0	<5.0	<10	220	430	<12	<12	0.98 J	<380	MW-6			
	12/14/04		25.56	0.00	108.78	300	<20	<20	<40	670	1,200	<50	<50	<50	<1,500	MW-6			
	03/02/05		20.59	0.00	113.75	<50	<2.0	<2.0	<4.0	5.1	8.9 J	<5.0	<5.0	<5.0	<150	MW-6			
	06/06/05		19.95	0.00	114.39	<50	<2.0	<2.0	<4.0	0.37 J	<50	<5.0	<5.0	<5.0	<150	MW-6			
	08/19/05		21.22	0.00	113.12	<50	<2.0	<2.0	<4.0	0.99 J	<50	<5.0	<5.0	<5.0	<150	MW-6			
	10/13/05		22.14	0.00	112.20	<50	<2.0	<2.0	<4.0	3.8 J	<50	<5.0	<5.0	<5.0	<150	MW-6			
	01/05/06		23.30	0.00	111.04	28 J	<2.0	<2.0	<4.0	6.6	<50	<5.0	<5.0	<5.0	<150	MW-6			

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIP _E (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments	
MW-7	07/22/96		132.43	24.60	0.00	107.83	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	10/17/96			24.90	0.00	107.53	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	03/25/97			24.10	0.00	108.33	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	06/20/97			23.10	0.00	109.33	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	08/22/97			23.93	0.00	108.50	68	<0.30	1.6	<0.30	1.8	<10	-	-	-	-	-	MW-7	MW-7	
	11/17/97			24.49	0.00	107.94	63	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	-	MW-7	MW-7	
	03/18/98			19.20	0.00	113.23	150	1.7	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	06/18/98			18.30	0.00	114.13	120	1.1	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	08/20/98			19.72	0.00	112.71	110	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	11/18/98			20.25	0.00	112.18	120	1.0	0.45	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	03/24/99			22.15	0.00	110.28	61	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	06/15/99			22.46	0.00	109.97	58	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	09/01/99			22.89	0.00	109.54	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	11/30/99			23.49	0.00	108.94	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-7	MW-7	
	03/23/00			23.56	0.00	108.87	19 J	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7	
	04/17/00			25.71	0.00	106.72	17 J	<0.11	<0.093	<0.18	<0.82	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7	
	07/11/00			23.20	0.00	109.23	15 J	<0.11	<0.093	<0.18	<0.82	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7	
	10/11/00			24.52	0.00	107.91	8.8 J	<0.11	0.20 J	<0.18	<0.82	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7	
	01/04/01			25.24	0.00	107.19	9.5 J	<0.11	0.13 J	<0.18	<0.82	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7	
	04/19/01			23.98	0.00	108.45	58 J	<1.0	<1.0	<1.0	<2.0	<10	<10	<2.0	<2.0	<2.0	<2.0	MW-7	MW-7	
	07/09/01			24.90	0.00	107.53	<50	<1.0	<1.0	<1.0	<2.0	<10	<10	<2.0	<2.0	<2.0	<2.0	MW-7	MW-7	
	10/02/01			25.92	0.00	106.51	82 J	<1.0	<1.0	<1.0	<2.0	<10	<10	<2.0	<2.0	<2.0	<2.0	MW-7	MW-7	
	01/03/02			26.81	0.00	105.62	<50	<1.0	<1.0	<1.0	<2.0	<10	<10	<2.0	<2.0	<2.0	<2.0	MW-7	MW-7	
	04/02/02			27.26	0.00	105.17	<50	<1.0	<1.0	<1.0	<2.0	<10	<10	<2.0	<2.0	<2.0	<2.0	MW-7	MW-7	
	08/23/02			27.41	0.00	105.02	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7	
	12/19/02			27.50	0.00	104.93	11 J	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7	
	02/06/03			27.42	0.00	105.01	16 J	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	
	05/20/03			25.90	0.00	106.53	28 J	<0.5	<0.5	<0.5	<1.5	<1.0	<25	<1.0	<1.0	<1.0	<1.0	MW-7	MW-7	
	07/18/03			25.22	0.00	107.21	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7
	11/21/03			25.46	0.00	106.97	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	MW-7	MW-7

TABLE 7
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ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	E ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DIPE ($\mu\text{g/L}$)	ETBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	Ethanol ($\mu\text{g/L}$)	Sample ID	Comments
MW-7	02/20/04		132.43	26.25	0.00	106.18	27 J	<2.0	0.42 J	<2.0	<4.0	<5.0	7.8 J	<5.0	<5.0	<150	MW-7		
	06/23/04		132.55	26.11	0.00	106.44	<50	<2.0	<2.0	0.29 J	1.4 J	<5.0	<50	<5.0	<5.0	<150	MW-7		
	09/08/04	NS		25.64	0.00	106.91	-	-	-	-	-	-	-	-	-	-	-		
	09/09/04			-	-	-	<50	<2.0	<2.0	<4.0	3.9 J	<50	<5.0	<5.0	<5.0	<150	MW-7		
	12/14/04			26.26	0.00	106.29	<50	<2.0	<2.0	<4.0	8.8	<50	<5.0	<5.0	<5.0	<150	MW-7		
	03/02/05			20.92	0.00	111.63	<50	<2.0	<2.0	<4.0	21	<50	<5.0	<5.0	<5.0	<150	MW-7		
	06/06/05			19.36	0.00	113.19	<50	<2.0	<2.0	<4.0	8.4	<50	<5.0	<5.0	<5.0	<150	MW-7		
	08/19/05			20.25	0.00	112.30	<50	<2.0	<2.0	<4.0	6.5	<50	<5.0	<5.0	<5.0	<150	MW-7		
	10/13/05			21.58	0.00	110.97	<50	<2.0	<2.0	<4.0	5.8	<50	<5.0	<5.0	<5.0	<150	MW-7		
	01/05/06			23.22	0.00	109.33	32 J	<2.0	<2.0	<4.0	7.5	<50	<5.0	<5.0	<5.0	<150	MW-7		

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
MW-8	07/22/96		134.65	24.40	0.00	110.25	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
	10/17/96			23.78	0.00	110.87	<50	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
03/25/97			23.60	0.00	111.05	<50	0.54	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
06/20/97			22.86	0.00	111.79	67	1.4	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
08/22/97			23.77	0.00	110.88	<50	<0.30	1.2	0.30	2.1	<10	-	-	-	-	MW-8	MW-8		
11/17/97			24.39	0.00	110.26	<50	<0.5	<0.5	<0.5	<1.0	<10	-	-	-	-	MW-8	MW-8		
03/18/98			19.58	0.00	115.07	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
06/18/98			19.48	0.00	115.17	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
08/20/98			20.03	0.00	114.62	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
11/18/98			21.55	0.00	113.10	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
03/24/99			22.25	0.00	112.40	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
06/15/99			22.13	0.00	112.52	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
09/01/99			22.78	0.00	111.87	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
11/30/99			23.20	0.00	111.45	<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	MW-8	MW-8	
03/23/00			23.68	0.00	110.97	<50	<2.0	<2.0	<2.0	<4.0	2.0 J	<50	<5.0	<5.0	<5.0	<5.0	MW-8	MW-8	
04/17/00			23.25	0.00	111.40	10 J	<0.11	<0.093	<0.18	<0.18	<0.82	2.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
07/11/00			23.62	0.00	111.03	<7.0	<0.11	<0.093	<0.18	<0.18	<0.82	1.9 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
10/11/00			23.81	0.00	110.84	6.9 J	<0.11	<0.093	<0.18	<0.18	<0.82	1.1 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
01/04/01			24.81	0.00	109.84	8.8 J	<0.11 J	<0.23 J	<0.18	<0.18	<0.82	1.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
04/19/01			23.30	0.00	111.35	<50	<1.0	<1.0	<1.0	<1.0	1.5	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
07/09/01			22.71	0.00	111.94	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
10/02/01			22.81	0.00	111.84	78 J	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
01/30/02			24.83	0.00	109.82	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
04/02/02			23.51	0.00	111.14	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
08/23/02			22.95	0.00	111.70	12 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
12/19/02			22.75	0.00	111.90	8.9 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
02/06/03			23.74	0.00	110.91	12 J	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
05/20/03			21.84	0.00	112.81	27 J	<0.5	<0.5	<1.5	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
07/18/03			21.58	0.00	113.07	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
11/21/03						21.90	0.00	<50	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	

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Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (ug/L)	B. (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TBA (ug/L)	DPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	Ethanol (ug/L)	Sample ID	Comments
MW-8	02/20/04		134.65	22.98	0.00	111.67	24. J	<2.0	0.54 J	<2.0	0.56 J	<5.0	8.2 J	<5.0	<5.0	<5.0	<150	MW-8	
	06/23/04	NS	134.75	23.31	0.00	111.44	22. J	<2.0	<2.0	1.8 J	0.80 J	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-8	
	09/08/04			23.34	0.00	111.41	-	-	-	-	-	-	-	-	-	-	-	-	
	09/09/04			-		<50	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-8	
	12/14/04			23.42	0.00	111.33	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-8
	03/02/05			19.23	0.00	115.52	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-8
	06/06/05			19.20	0.00	115.55	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-8
	08/19/05	INA		-		-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/13/05			21.74	0.00	113.01	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-8
	01/05/06			22.55	0.00	112.20	<50	<2.0	<2.0	0.32 J	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<150	MW-8

TABLE 7
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	Sample ID	Comments
Trip Blank	03/18/98					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	TB		
	06/18/98					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	Trip Blank		
	08/20/98					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	Trip Blank		
	11/18/98					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	Trip Blank		
	03/24/99					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	Trip Blank		
	06/15/99					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	Trip Blank		
	09/01/99					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	Trip Blank		
	11/30/99					<50	<0.30	<0.30	<0.30	<0.30	<0.60	<10	-	-	-	-	Trip Blank		
	03/23/00					11	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	04/17/00					<9.3	<0.11	<0.093	<0.18	<0.82	<0.28	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	07/11/00					<7.0	<0.11	<0.093	<0.18	<0.82	<0.28	7.0	<0.50	<0.57	<0.68	<0.68	<0.68	<0.68	
	10/11/00					12	<0.11	<0.093	<0.18	<0.82	<0.28	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	01/04/01					40	<0.11	0.14	<0.18	<0.82	<0.28	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	04/19/01					<50	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
	07/09/01					<50	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
	10/02/01					<50	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
	01/03/02					<50	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
	04/02/02					<50	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	08/23/02					12 J	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/19/02					11 J	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/06/03					7.5 J	<0.5	<0.5	<0.5	<1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	05/20/03					<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	07/18/03					<50	<2.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	11/21/03					<50	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE 7
Summary of Groundwater Analytical & Elevation Results
ARCO Station No. 0069
9922 South Figueroa Street, Los Angeles, California

Well No.	Date	Notes	TOC Elevation (ft-MSL)	Depth to Water (feet)	Measured SPH Thickness (feet)	Calc. GW Elev. (ft-MSL)	GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	E ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	TBA ($\mu\text{g/L}$)	DPE ($\mu\text{g/L}$)	ETBE ($\mu\text{g/L}$)	TAME ($\mu\text{g/L}$)	Ethanol ($\mu\text{g/L}$)	Sample ID	Comments
Trip Blank	02/20/04	-	-	-	-	<50	<2.0	0.45 J	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	Trip Blank	
	06/23/04	-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20040623	
	09/09/04	-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20040909	
	12/14/04	-	-	-	32 J	<2.0	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20041214	
	03/02/05	-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20050302	
	06/06/05	-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20050606	
	08/19/05	-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20050819	
	10/13/05	-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20051013	
	01/05/06	-	-	-	-	<50	<2.0	<2.0	<2.0	<4.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<150	TB-0069-20050105	

Notes:

GRO = Gasoline range organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Total xylenes

MTBE = Methyl tert-butyl ether

TBA = Tert-butyl alcohol

DPE = Di-isopropyl ether

ETBE = Ethyl tert-butyl ether

TAME = Tert-amyl methyl ether

SPH = Separable phase hydrocarbons

TOC = Top of casing (surveyed)

Calc. GW Elev. = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH

ft-MSL = feet above mean sea level

$\mu\text{g/L}$ = Micrograms per liter

< = Analyte was not detected above the specified method reporting limit

- = Not measured or analyzed

J = Estimated value (less than the method reporting limit and greater than or equal to the method detection limit)

Refer to the reports in which data was first presented for more information on historical data.
 ARCO 0069 2006 Q1

GRO analyzed by EPA Method 8015 Modified. The carbon chain range used for analysis since 2000 Quarter 1 is C4-C12.

BTEX and oxygenates analyzed by EPA Method 8260B since 2000 Quarter 1.

DRY = Well dry during gauging or purging; not sampled

DUP = Duplicate sample

INA = Well inaccessible; not sampled

NS = Well not sampled

Purge shear = Sheen was observed during purging of the scheduled sampling; well not sampled
 SPH = Well not sampled due to the presence of separate phase hydrocarbons (SPH)